

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/796,856-Conf. #2436
		Filing Date	March 9, 2004
		First Named Inventor	Ian Hunter
		Art Unit	1797
		Examiner Name	A. Soderquist
Sheet	1	of	10
		Attorney Docket Number	65689DIV3(43382)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AS/	AA*	US-2004/0171166	09-02-2004	Hunter	
/AS/	AB*	US-5,641,864	06-24-1997	Gelfand	
	AC*	US-6,666,612-4716	07-05-2005	Hess et al.	
	AD*	US-6,666,612-926418-A1	07-06-2004	Hamill	
	AE*	US-6,666,612-926418-A1	07-06-2004	Hamill	
	AF*	US-6,666,612-926418-A1	07-06-2004	Hamill	
	AG*	US-6,666,612-95405	05-16-2006	Dickmore et al.	
	AH*	US-6,666,612-139110	11-27-2003	Avdeef et al.	
	AI*	US-6,630,633	07-16-2003	Cheng et al.	
/AS/	AJ*	US-6,844,161	01-18-2005	Siani et al.	
	AK*	US-6,576,476	06-16-2003	Wagner et al.	
/AS/	AL*	US-6,429,025	08-06-2002	Parce et al.	
	AM*	US-6,436,666	08-16-2002	Gluckman et al.	
	AN*	US-6,604,024-11030	12-02-2004	Michnick et al.	
/AS/	AO*	US-5,491,083	02-13-2006	Arentzen et al.	
	AP*	US-6,666,612-966418	08-14-2006	Olmer et al.	
/AS/	AQ*	US-5,433,975	07-18-1995	Roberts et al.	
/AS/	AR*	US-5,322,019	06-21-1994	Hyland	
/AS/	AS*	US-5,175,209	12-29-1992	Beattie et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
/AS/	BA	WO-99/61152-A1	12-02-1999	MJ Research, Inc.	
	BB	WO-2004/074618-A2	06-06-2004	Die Trave, Inc.	
	BC	WO-00/51735	09-08-2000	Glaxo Group Ltd et al.	
	BD	WO-01/67865	11-28-2001	Lilly Co. Eli et al.	
	BE	WO-01/68669	05-04-2001	Diverse Corp.	
	BF	WO-01/61004	06-23-2001	Univ. Leland Stanford Junior et al.	

Examiner Signature	/Arlen Soderquist/	Date Considered	04/27/2009
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/AS/	AT*	US-6,722,076	09-08-1990	Koike et al.	
/AS/	AU*	US-6,015,880	01-18-2000	Baldeschwieler et al.	
/AS/	AV*	US-6,103,479	08-15-2000	Taylor	
/AS/	AW*	US-6,136,392	10-24-2000	Leighton	
/AS/	AX*	US-2002/0049196	04-25-2002	Carpino et al.	
/AS/	AY*	US-5,152,060	10-06-1992	Schubert et al.	
/AS/	AZ*	US-3,997,396	12-14-1976	Delente	
/AS/	AA1*	US-5,373,803	12-20-1994	Noguchi et al.	
/AS/	AB1*	US-5,906,683	05-25-1999	Chen et al.	
/AS/	AC1*	US-1,236,137	08-01-1917	Bastow	
/AS/	AD1*	US-2,745,001	05-01-1956	Guth	
/AS/	AE1*	US-3,170,980	02-01-1965	Pritchard	
/AS/	AF1*	US-3,864,512	02-04-1975	Meadow	
/AS/	AG1*	US-4,110,165	08-29-1978	Cole et al.	
/AS/	AH1*	US-5,382,985	01-17-1995	Becker et al.	
/AS/	AI1*	US-3,043,669	07-10-1962	Charles	
/AS/	AJ1*	US-4,007,010	02-08-1977	Woodbridge, III	
/AS/	AK1*	US-4,065,263	12-27-1977	Woodbridge, III	
/AS/	AL1*	US-4,273,877	06-16-1981	Anagnostopoulos et al.	

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/AS/	BG	WO-86/56456	09-20-1986	Genencor Int.	
/AS/	BH	WO-99/55461	11-04-1999	Corning Inc	
/AS/	BI	JP-63107057	05-12-1988	Hitachi Ltd	
/AS/	BJ	JP-2002-241533	09-20-2002	Toyo Tire & Rubber Co Ltd	
/AS/	BK	WO-97/00941	01-09-1997	Univ Utah Res Found	
/AS/	BL	WO-97/00943	01-09-1997	Bnfl Fluorchem Ltd et al.	

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/AS/	AM1*	US-4,990,459	02-05-1991	Maeda et al.	
	AN1*	US-5,009,846	04-23-1991	Gavet et al.	
	AO1*	US-5,108,926	04-28-1992	Klebe	
	AP1*	US-5,466,583	11-14-1995	Thomson et al.	
	AQ1*	US-6,024,925	02-15-2000	Little et al.	
	AR1*	US-6,121,048	09-19-2000	Zaffaroni et al.	
	AS1*	US-5,621,094	04-15-1997	Roser et al.	
/AS/	AT1*	US-5,632,957	05-27-1997	Heller et al.	
	AU1*	US-6,002,004/546	04-03-2002	Horner et al.	
/AS/	AV1*	US-6,083,682	07-04-2000	Campbell et al.	
/AS/	AW1*	US-4,682,891	07-28-1987	de Macario et al.	
	AX1*	US-6,514,753	02-04-2003	Bordenkircher et al.	
	AY1*	US-6,798,693	05-06-2004	Brown et al.	
/AS/	AZ1*	US-5,710,381	01-20-1998	Atwood et al.	
/AS/	AA2*	US-5,475,610	12-12-1995	Atwood et al.	
/AS/	AB2*	US-5,602,756	02-11-1997	Atwood et al.	
	AC2*	US-6,787,686	05-18-2004	Berg et al.	
/AS/	AD2*	US-4,453,805	06-12-1984	Ashkin et al.	
/AS/	AE2*	US-4,613,573	09-23-1986	Shibayama et al.	

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	BM	WO-03/03253		03-01-2003	Sequenom, Inc.	
	BN	WO-03/42097		05-22-2003	Genospectra, Inc.	
	BO	WO-04/16104		03-04-2004	Die-Trevo, Inc.	
/AS/	BP	WO-9939829		08-12-1999	Merck & Co Inc et al.	
/AS/	BQ	WO-97/36167		10-02-1997	United Utilities Plc et al.	
	BR	WO-02/03502		11-14-2002	Massachusetts Institute of Technology	

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/AS/	AF2*	US-4,683,195	07-28-1987	Mullis et al.	
	AG2*	US-4,683,202	07-28-1987	Mullis	
	AH2*	US-4,734,192	03-29-1988	Champlon et al.	
	AI2*	US-4,861,722	08-29-1989	Sano et al.	
	AJ2*	US-4,893,886	01-16-1990	Ashkin et al.	
	AK2*	US-4,932,806	06-12-1990	Eklund et al.	
	AL2*	US-4,965,188	10-23-1990	Mullis et al.	
	AM2*	US-5,038,852	08-13-1991	Johnson et al.	
	AN2*	US-5,100,627	03-31-1992	Buican et al.	
	AO2*	US-5,192,980	03-09-1993	Dixon et al.	
	AP2*	US-5,219,727	06-15-1993	Wang et al.	
	AQ2*	US-5,229,163	07-20-1993	Fox	
	AR2*	US-5,234,665	08-10-1993	Ohta et al.	
	AS2*	US-5,310,652	05-10-1994	Gelfand et al.	
	AT2*	US-5,322,770	06-21-1994	Gelfand	
	AU2*	US-5,333,675	08-02-1994	Mullis et al.	
	AV2*	US-5,407,800	04-18-1995	Gelfand et al.	
	AW2*	US-5,411,876	05-02-1995	Bloch et al.	
/AS/	AX2*	US-5,455,008	10-03-1995	Earley et al.	

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	BS	WO-02/25594	04-04-2002	Picoliter, Inc.	
	BT	WO-02/46156	03-23-2002	Horluth Laser Technology Ltd	
	BU	WO-02/35133	07-10-2002	Sequenom, Inc.	
	BV	WO-02/78884	10-10-2002	Genespectra, Inc.	
	DW	WO-02/67764	11-07-2002	Diabrore Inc.	
	DX	WO-02/38661	04-10-2002	Diabrore Inc. et al.	

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/AS/	AY2*	US-5,476,744	12-19-1995	Anno et al.		
	AZ2*	US-5,476,774	12-19-1995	Wang et al.		
	AA3*	US-5,492,806	02-20-1996	Drmanac et al.		
	AB3*	US-5,504,007	04-02-1996	Haynes		
	AC3*	US-5,508,197	04-16-1996	Hansen et al.		
	AD3*	US-5,525,464	06-11-1996	Drmanac et al.		
	AE3*	US-5,538,848	07-23-1996	Livak et al.		
	AF3*	US-5,554,339	09-10-1996	Cozzette et al.		
	AG3*	US-5,561,058	10-01-1996	Gelfand et al.		
	AH3*	US-5,561,071	10-01-1996	Hollenberg et al.		
	AI3*	US-5,593,839	01-14-1997	Hubbell et al.		
	AJ3*	US-5,641,391	06-24-1997	Hunter et al.		
	AK3*	US-5,656,493	08-12-1997	Mullis et al.		
	AL3*	US-5,667,972	09-16-1997	Drmanac et al.		
	AM3*	US-5,720,923	02-24-1998	Haff et al.		
	AN3*	US-5,780,233	07-14-1998	Guo et al.		
	AO3*	US-5,785,926	07-28-1998	Seubert et al.		
	AP3*	US-5,871,908	02-16-1999	Henco et al.		
/AS/	AQ3*	US-5,879,632	03-09-1999	Demers		

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	BY	WO-93/02220	01-05-1993	Diotrove, Inc.		
/AS/	BZ	WO-95/01559	01-12-1995	Evotec Biosystems GmbH et al.		
/AS/	BA1	WO-95/11755	05-04-1995	Houston Advanced Res Center et al.		
/AS/	BB1	WO-97/15394	05-01-1997	Smithkline Beecham Corp et al.		
	BD1	WO-98/01796	01-19-1998	Cartesian Technologies, Inc.		
	DE	DE-198-46-224	03-26-1998	Boeper, et al.		

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/AS/	AR3*	US-5,897,842	04-27-1999	Dunn et al.	
	AS3*	US-5,928,907	07-27-1999	Woudenberg et al.	
	AT3*	US-5,942,432	08-24-1999	Smith et al.	
	AU3*	US-5,962,316	10-05-1999	Beach et al.	
	AV3*	US-5,994,056	11-30-1999	Higuchi	
	AW3*	US-6,001,586	12-14-1999	Schellenberger	
	AX3*	US-6,020,141	02-01-2000	Pantoliano et al.	
	AY3*	US-6,086,825	07-11-2000	Sundberg et al.	
	AZ3*	US-6,088,100	07-11-2000	Brenan et al.	
/AS/	AA4*	US-6,090,251	07-18-2000	Sundberg et al.	
	AA4*	US-6,105,193	09-16-2000	Sjoman et al.	
	AA4*	US-6,135,503	10-24-2000	Standa et al.	
	AA4*	US-6,146,845	11-24-2000	Seater	
/AS/	AE4*	US-6,174,670	01-16-2001	Wittwer et al.	
/AS/	AF4*	US-6,197,563	03-06-2001	Erich et al.	
	AG4*	US-6,235,470-B1	05-22-2001	Friedman et al.	
	AH4*	US-6,245,695	06-12-2001	Todd et al.	
	AI4*	US-6,251,643	06-20-2001	Dubrow et al.	
	AI4*	US-6,271,024	06-07-2001	Ove et al.	

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/AS/	BE1	EP-0 236 069	09-09-1987	Cetus Corporation	
/AS/	BF1	EP-0 402 888	12-19-1990	Behringwerke	
/AS/	BG1	EP-0 506 993	10-07-1992	Geo-Centers, Inc.	
/AS/	BH1	EP-0 882 593-A1	12-09-1998	Xerox Corporation	
	BI1	EP-1 133 742	11-21-2001	Genentix Limited	
/AS/	BJ1	JP-11-061498	03-05-1999	Ebara Yuujiraito KK	

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/AS/	AK4*	US-6,236,702	10-02-2001	Bryning et al.	
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	AM4*	US-6,042,105-B1	11-06-2001	Halozek	
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	AA5*	US-6,572,020	05-06-2003	Polytrillo et al.	
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	DX1	JP-2002-085956	11-20-2002	Mericon Co Ltd	
	DL1	JP-2002-080805	10-09-2002	Micawa Homes Co Ltd	
/AS/	BM1	WO-97/37036	10-09-1997	Genencor International, Inc.	
Examiner Signature	/Arlan Soderquist/			Date Considered	04/27/2009

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/796,856-Conf. #2436
		Filing Date	March 9, 2004
		First Named Inventor	Ian Hunter
		Art Unit	1797
		Examiner Name	A. Soderquist
Sheet	8	of	10
		Attorney Docket Number	65689DIV3(43382)

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	AE5*	US 6,042,000	11-04-2000	Girichkov et al.	
	AF5*	US 6,049,402	11-10-2000	Van der Weide et al.	
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	AI5*	US 6,082,702	01-27-2001	Darth et al.	
	AJ5*	US 6,083,023	02-10-2001	Fisher et al.	
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/AS/	AU5*	US 20020015994	02-07-2002	Schellenberger et al.	
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	AB6*	US 20000100720	05-12-2000	Schembri et al.	
	AC6*	US 20000110042	06-26-2000	Francis De Carablis Rosende et al.	
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Examiner Signature	/Arlen Soderquist/	Date Considered	04/27/2009
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	/AN*	US 20060057209	03-16-2006	Chesman et al.	
	/AG*	US 20060194166	09-01-2006	Brews et al.	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T*
/AS/	CA	Mann A. Shoffner et al. Chip PCR. I. Surface passivation of microfabricated silicon-glass chips for PCR, 24(2) Nucleic Acids Research 375-79 (1996).			
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	CD	Tanya S. KANTAN et al., "Living Chips for Drug Discovery", 5520 Proc. SPIE 172-66 (Mar. 2000).			
	CE	Luke SCSNOWSKI, "Manufacturing Methods for High-Density Micro-Channel Arrays" (June 2000) (Master's Thesis) (Massachusetts Institute of Technology Dept. of Mechanical Eng.).			
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Examiner Signature	/Arlen Soderquist/	Date Considered	04/27/2009
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PTO/SB/08b (01-09)  
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Substitute for form 1449-PTO  <div style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></div> <div style="text-align: center;"><i>(Use as many sheets as necessary)</i></div>		<div style="text-align: center;"><b>Complete if Known</b></div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Application Number</td> <td>10/796,856-Conf. #2436</td> </tr> <tr> <td>Filing Date</td> <td>March 9, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Ian Hunter</td> </tr> <tr> <td>Art Unit</td> <td>1797</td> </tr> <tr> <td>Examiner Name</td> <td>A. Soderquist</td> </tr> <tr> <td>Attorney Docket Number</td> <td>65689DIV3(43382)</td> </tr> </table>		Application Number	10/796,856-Conf. #2436	Filing Date	March 9, 2004	First Named Inventor	Ian Hunter	Art Unit	1797	Examiner Name	A. Soderquist	Attorney Docket Number	65689DIV3(43382)
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